

# SEQ ID NO:1 - Sequence Comparison

AAZ00836

ID AAZ00836 standard; cDNA; 1566 BP.

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AC AAZ00836;

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DT 12-OCT-1999 (first entry)

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DE Human secreted protein cDNA encoding gene 35.

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KW Secreted protein; prevention; treatment; protein therapy; gene therapy;  
 KW diagnosis; cancer; tumour; neurodegenerative disorder; blood disorder;  
 KW developmental abnormality; fetal deficiency; leukemia; autoimmune; acne;  
 KW hepatic disease; renal disease; lymphoma; inflammation; allergy; asthma;  
 KW Alzheimer's disease; cognitive disorder; schizophrenia; obesity; sepsis;  
 KW osteoporosis; arthritis; infection; AIDS; connective tissue disorder;  
 KW transplant rejection; diabetes; psoriasis; cardiovascular disorder;  
 KW reproductive disorder; food additive; food preservative; human; primer;  
 KW early promoter; GAS; gamma activation element; ss.

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OS Homo sapiens.

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PN WO9940100-A1.

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PD 12-AUG-1999.

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PF 04-FEB-1999; 99WO-US02293.

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PR 09-FEB-1998; 98US-0074341.

PR 09-FEB-1998; 98US-0074037.

PR 09-FEB-1998; 98US-0074118.

PR 09-FEB-1998; 98US-0074141.

PR 09-FEB-1998; 98US-0074157.

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PA (HUMA-) HUMAN GENOME SCI INC.

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PI Kyaw H, Lafleur DW, Moore PA, Rosen CA, Ruben SM;

PI Shi Y, Wei Y;

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DR WPI; 1999-479426/40.

DR P-PSDB; AAY30845, AAY80912.

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PT New isolated human genes potentially useful for, e.g. developmental  
 PT abnormalities and fetal deficiencies

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PS Claim 1a; Page 195; 263pp; English.

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CC This invention describes novel isolated human genes and the secreted  
 CC proteins they encode. The polynucleotides and their corresponding  
 CC secreted polypeptides are useful for preventing, treating or  
 ameliorating

CC medical conditions e.g. by protein or gene therapy. Also pathological  
 CC conditions can be diagnosed by determining the amount of the new  
 CC polypeptides in a sample or by determining the presence of mutations in  
 CC the new polynucleotides. Specific uses are described for the  
 CC polynucleotides of the invention based on which tissues they are most

CC highly expressed in, and include developing products for the diagnosis  
 or  
 CC treatment of cancer, tumours, neurodegenerative disorders, developmental  
 CC abnormalities and fetal deficiencies, blood disorders, leukemias,  
 CC diseases of the immune system, autoimmune diseases, hepatic and renal  
 CC disease, lymphomas, inflammation, allergies, Alzheimer's and cognitive  
 CC disorders, schizophrenia, obesity, osteoporosis, arthritis, infections,  
 CC AIDS, connective tissue disorders, transplant rejection, diabetes,  
 CC asthma, sepsis, acne, psoriasis, cardiovascular disorders, and  
 CC reproductive disorders. The polypeptides or polynucleotides can also be  
 CC used as food additives or preservatives. The polypeptide are also useful  
 CC for identifying their binding partners. This sequence encodes a  
 CC secreted protein described in the invention.  
 XX  
 SQ Sequence 1566 BP; 296 A; 498 C; 430 G; 333 T; 9 other;

Query Match 19.5%; Score 256; DB 20; Length 1566;  
 Best Local Similarity 100.0%; Pred. No. 4.2e-111;  
 Matches 256; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1056 ccacagtggcatttctgttaacatccaggacttggccccgtcctgcgccggcctttctgtt 1115  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 193 ccacagtggcatttctgttaacatccaggacttggccccgtcctgcgccggcctttctgtt 252

Qy 1116 tgggtgtggccaacacagccggggccttggcaggtgtcgtgggtgtgtgtctagggcgcta 1175  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 253 tgggtgtggccaacacagccggggccttggcaggtgtcgtgggtgtgtgtctagggcgcta 312

Qy 1176 cttgatggagaccacgggctcctggacttgctgttcaaccttgtggccatcatcagcaa 1235  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 313 cttgatggagaccacgggctcctggacttgctgttcaaccttgtggccatcatcagcaa 372

Qy 1236 cctggggctgtgcaccttctgtgtttggacaggctcagaggggtggacctgagctctac 1295  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 373 cctggggctgtgcaccttctgtgtttggacaggctcagaggggtggacctgagctctac 432

Qy 1296 ccatgaggacctctag 1311  
 ||||||||||||||||  
 Db 433 ccatgaggacctctag 448